

AMENDMENTS TO THE ABSTRACT:

Please replace the current Abstract with the following amended Abstract.

ABSTRACT OF THE DISCLOSURE

A UV sensor ~~1~~ comprises (1) includes a container $[[5]]$ (5) in which the upper end opening of a metal side tube $[[2]]$ (2) is sealed with a front plate $[[3]]$ (3) composed of $[[\text{Kovar}]]$ borosilicate glass as an incident light window and the lower end opening is sealed with a base plate $[[4]]$ (4). The front plate $[[3]]$ (3) serving as an incident light window constitutes part of the wall of container $[[5]]$ (5) by sealing the upper end opening of the metal side tube $[[2]]$ (2). A pin-type photodiode $[[6]]$ (6) is disposed inside the container $[[5]]$ (5). The pin-type photodiode $[[6]]$ (6) comprises a photoabsorption layer $[[9]]$ (9) formed from $\text{In}_x\text{Ga}_{(1-x)}\text{N}$ ($0 < x < 1$) between an n-type contact layer $[[8]]$ (8) and a p-type contact layer $[[10]]$ (10).